

DECLARATION FOR PATENT APPLICATION

As an inventor named below, I hereby declare that:

- (1) my residence, post office address and citizenship are as stated below next to my name;
- (2) I believe I am the original, first and joint inventor of the subject matter that is disclosed and claimed, for which a U.S. patent is sought, on the invention entitled:

“CONTROL ALGORITHM IN QAM MODEMS ”

the patent specification and claims of which are attached hereto;

(3) I hereby state that I have reviewed and understand the contents of the above-identified patent application, including the claims;

(4) I hereby acknowledge a duty to disclose information that is material to examination of this application in accordance with 37 C. F. R. 1.56;

(5) I hereby appoint the following patent attorney to prosecute this application and to transact all business concerning this application in the United States Patent and Trademark Office:

Boris G. Tankhilevich, Reg. No. 38,689

Law Offices of Boris G. Tankhilevich
536 N. Civic Drive
Suite A
Walnut Creek, CA 94597
Voice: (925) 930-0966
Fax: (925) 930-0966
E-mail: borist@pacbell.net

and

(6) I hereby declare that all statements made herein of my knowledge are true, and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of this application or any patent that issues on this application.

Full name of the inventor David Bruce Isaksen

Inventor's signature David B. Isaksen Date 16-NOV, 2003

Inventor's residence 65D Evandale Avenue, Mountain View, CA 94043

Citizenship USA

Post Office address 65D Evandale Avenue, Mountain View, CA 94043

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Full name of the inventor Mark FONG

Inventor's signature Mark Fong Date Nov 16, 2003
Inventor's residence 1448 Buckthorne Way, San Jose, CA 95129
Citizenship USA
Post Office address 1448 Buckthorne Way, San Jose, CA 95129

Atty. Docket No. Wideband-109/Tank-213

POWER OF ATTORNEY BY ASSIGNEE

The undersigned, as Assignee of the entire right, title, and interest in and to the subject matter which is described and claimed and for which a patent is sought on the invention entitled:

“CONTROL ALGORITHM IN QAM MODEMS ”

the specification of which

 X is attached hereto;
 was filed on , 2003 as Application Serial
No. and was amended on
(if applicable)

Assignment recorded on at Reel/Frame
(if applicable)

hereby elects to control the prosecution of this application and hereby appoints the following patent attorney to prosecute this application and transact all business in the Patent and Trademark Office in connection therewith:

Boris G. Tankhilevich, Reg. No. 38,689

Address all correspondence to:
Law Offices of Boris G. Tankhilevich
536 N. Civic Drive
Suite A
Walnut Creek, CA 94597

Address all telephone calls to:
Boris G. Tankhilevich
(925) 930-0966

Assignee hereby petitions and requests that this file be closed to the inventors(s), or representative(s) thereof.

Dated: 11/14/03

WIDEBAND SEMICONDUCTORS, INC.
1350 Pear Avenue, Suite C
Mountain View, CA 94043

WIDEBAND SEMICONDUCTORS, INC.

by: SETH J. COPELAND
 Seth Copeland
title: CEO